

ABSTRACT OF THE DISCLOSURE

A light source device for radiating a stimulated emission
5 from a semiconductor laser to outside via a multiple
scattering optical system, which system has a first region
located adjacent to the semiconductor laser and a second
region that abuts on the first region and reaches the
outside. The first region contains scatterers at a higher
10 density than the second region does. The light source
device has an amount of near-field pattern speckles σ_{PAR} of
 3×10^{-3} or more. The second region may have a lens portion
as a magnifier for at least a principle part of a secondary
planar light source formed at an interface between the
15 first and second regions.